

Abstract**A method of selecting operational parameters in a
communication network**

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The present invention provides a method of selecting operational parameters of a communication network. The method is characterised by searching the operational parameter space using a multiple objective simulated annealing (MOSA) process, wherein the objectives are based upon performance indicators (PIs) of the communication network. Moreover, the MOSA process generates an archive of estimated values of a Pareto front, and employs a dominance-based energy function. The present invention thus provides the benefit of enabling assessment of different estimated optimal trade-offs between multiple objectives.

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Fig. 1